3489

R/V DAN MOORE STATION LOG

VESSEL 1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3489	039	03 16 78	28AI	3528	7525

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0009	05	01	13	991	Y	S	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
5	FG	SA	S	FT	151	—	14	032

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00089	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3L1			PO	DO
START	35°28'	75°25'	1180	4827	9		1418	1419
							PU	ON
FINISH	35°30'	75°24'	1207	4829	10		1451	1453

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300~ / S	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive anadromous

57 Blueback 1 Am Shad 3 Striped bass

4/500

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FIN	CRUST	SHELL	OTHER
89	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3489 DATE 16 March 19 78 BIOLOGISTS BFH JWG SGT TMG

TOT. CATCH WT. 89 AIR 13°C SURFACE 5.0°C BOTTOM 0.9°C

SAMPLE WT. — RAISING FACTOR — GRID 28 AI

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
Anchoa mitchilli				numberous		<0.1	
Alosa sapidissima				1	4.0	4.0	Leng - Freq.
Alosa aestivalis				57	30	0.5	Leng - Freq.
Morone saxatilis				3	55	18.3	Tagged/Leng - Freq.

Species: Alosa aestivalis ①

STATION: 3489
GRID: 28AI
DATE: 16 Mar '78

Specimen #	Fork Length (MM)	Sex	Scales or Otoliths	Age	Spawning Marks	Remarks
1	254	♂				Area IV N=57
2	267	♀ III				
3	249	♀ III				
4	259	♀ II				
5	241	♂				
6	258	♂				
7	249	♂				
8	263	♀ III				
9	267	♀ III				
10	285	♀ III				Anstice
11	266	♀ III				
12	257	♂				
13	256	♀ III				
14	256	♀ III				
15	261	♀ III				
16	262	♀ III				
17	273	♀ III				
18	262	♀ III				
19	265	♀ III				
20	267	♀ III				
21	263	♀ III				
22	281	♀ III				
23	268	♀ III				
24	287	♀ II				
25	273	♀ III				
26	270	♀ III				
27	255	♀ III				
28	278	♀ III				
29	276	♂				
30	255	♀ III				
31	250	♀ III				
32	262	♀ III				
33	245	♂				
34	260	♂				
35	255	♀ III				
36	265	♀ III				
37	266	♀ III				
38	273	♀ III				
39	275	♀ III				
40	271	♀ III				
41	251	♂				
42	246	♂				
43	266	♀ III				
44	253	♂				
45	262	♂				
46	245	♂				
47	262	♀ III				
48	258	♀ III				
49	253	♀ III				
50	276	♂				

Species: Alosa aestivalis

STATION: 3489
GRID: 28AI
DATE: 16 March '78

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	259	♀ III				Area IV
2	285	♀ III				
3	258	♂				
4	263	♀ III				
5	271	♀ III				
6	251	♂				
7	280	♀ III				
8						
9						
10						
11						
12						
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49						
50						

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 3489

Tot. Fish Captured 3

Date 16 March '9[illegible]

Tot. Fish Tagged 3

Area of Release End of station

No. Retained for analysis 0

LORAN Start 344-1182 321-4827

Gear Type 151' win trawl

Finish 344-1207 321-4829

Grid: 28AI

TAG. NO.	Weight Lbs.	 Ozs.	F.L. ~~(cm)~~ MM	Species	Remarks
B00994	19	—	[illegible]30		
[illegible]	32	—	[illegible]		
[illegible]	14	—	[illegible]		

Species: [illegible]

STATION: 24-9
GRID: [illegible]
DATE: [illegible]

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	[illegible]	[illegible]				[illegible] IV
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
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36						
37						
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39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

Species: [illegible]

STATION: [illegible]9
GRID: 2° AI
DATE: [illegible]

SPECIMEN #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	830	Unk				Trogan F 00994 Area IV
2	860	"				" F 00995
3	733					" C 00996
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
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42						
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44						
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46						
47						
48						
49						
50						

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: [illegible]
STATION: 3498-[illegible]
DATE: [illegible]
LOCALITY: IV [illegible]

T. L.	♂	♀	[illegible]	[illegible]
50-59.9				
60-				
70-				
80-				1
90-				
100-				2
110-				
120-				
130-				
140-	2	1	3	
150-	1		1	
160-	4	1	5	
170-	21	17	38	
180-	14	11	25	
190-	28	17	45	
200-	20	21	41	
210-	46	28	74	
220-	27	30	57	
230-	6	7	13	
240-	12	4	16	
250-	17	17	34	
260-	8	25	33	
270-	2	13	15	
280-	1	6	7	
290-		2	2	
300-				
310-	N=209	N=200	N=409	N=3
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T. L.	♂	♀	[illegible]	[illegible]
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
		N_{Total} = 412		
TOTAL				
N	209	200	409	3
$\bar{x}$	[illegible]	[illegible]	217.80	93.33
SD	[illegible]	33.13	27.86	11.5[illegible]

[illegible] ♂ 140-2[illegible]mm

[illegible] ♀ 140-2[illegible]mm

[illegible] 80-1[illegible]mm

[illegible]

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa aestivalis

STATION: [illegible]

DATE: 16 March 1993

LOCALITY: Area IV 28 AI

T.L.	♂	♀	Sex comb	Juv
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-	5	1	6	
250-	7	10	17	
260-	2	18	20	
270-	2	8	10	
280-		4	4	
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	♂	♀	Sex comb	Juv
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				
N	16	41	57	0
X̄	255.81	265.21	[illegible]	-
S.D.	7.31	8.78	10.41	-

range ♂ 241 - 276 mm

range ♀ 247 - 287 mm

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES:

DATE:

STATION:

LOCALITY:

T. L.					T. L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-									
250-									
260-									
270-									
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
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410-									
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440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES:

STATION:

DATE:

LOCALITY:

T.L.				
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
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T.L.				
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570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Morone saxatilis

STATION: 3489, 3496, 3498

DATE: March 1978

LOCALITY: Summary

T.L.	♂	♀	sex comb.	sex unk.
50-59.9				
60 -				
70 -				
80 -				
90 -				
100 -				
110 -				
120 -				
130 -				
140 -				
150 -				
160 -				
170 -				
180 -				
190 -				
200 -				
210 -				
220 -				
230 -				
240 -				
250 -				
260 -				
270 -				
280 -				
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340 -				
350 -				
360 -				
370				
380 -				
390 -				
400 -				
410 -				
420 -				
430 -				
440 -				
450 -				
460 -				
470 -				
480 -				
490 -				1
500 -				
510 -				
520				
530 -				
540 -				

T.L.			♀	sex unk.
550 -				
560 -				
570 -				
580 -				
590 -				
600 -				
610 -		670		1
620 -		730 -		1
630 -		830		1
640 -		860		1
650 -		890		1
660 -		940		1
670 -		1180	1	
680 -			N=1	N=6
690 -				
700 -				

TOTAL	♂	♀	sex comb.	non-guess sex unk.
N	0	1	1	7
$\bar{X}$	–	1180	1180	772.86
S.D.	–	0	0	155.43

range ♀ 1180 mm

range 670 - 940 mm

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